

Appl. No. 10/759,505
 Amdt dated July 28, 2008
 Reply to Office Action of January 28, 2008
 Att. Docket No.: 1279-400C1

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Filing date: January 16, 2004
 Applicant Name: Bazan et al.
 Examiner: Camie S. Thompson
 Art Unit: 1774

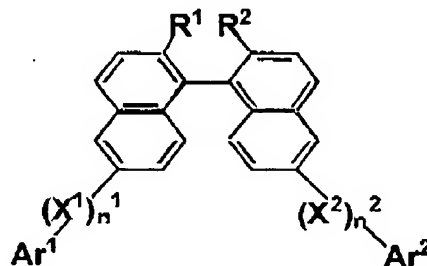
AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1- 14 (canceled)

Claim 15 (previously presented) An organic light emitting device comprising an anode and a cathode, and an emissive layer between the anode and cathode, the device including a hole-blocking layer between the emissive layer and the cathode comprising a binaphthyl compound of the formula:

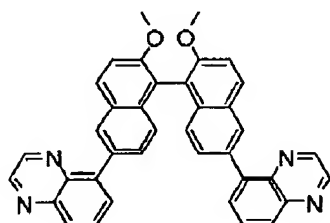


wherein each Ar¹ and Ar² is independently a substituted or non-substituted polycyclic aromatic hydrocarbon or a substituted or non-substituted aromatic heterocycle, each X¹ and X² is independently a substituted or non-substituted aromatic hydrocarbon, each n¹ and n² is independently 0 or 1, each R¹ and R² is independently a hydroxyl group, a substituted or non-substituted alkyl group, or a substituted or non-substituted alkoxy group, wherein R¹ and R² can be bound to each other to form a ring structure wherein the ring structure can have substituent groups, and wherein the compound's binaphthyl framework can be independently substituted by a halogen, a hydroxyl group, or a substituted or non-substituted alkyl, alkenyl, alkoxy or alkoxy carbonyl group at any position except those occupied by (X¹)_{n¹} Ar¹, (X²)_{n²} Ar², R¹ and R²,

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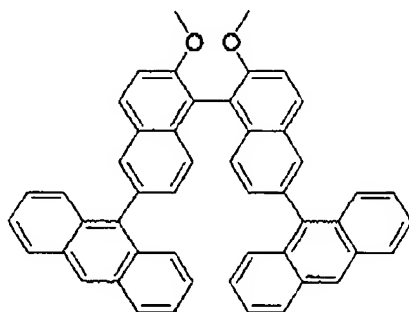
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in which the hole-blocking layer between the emissive layer and the cathode comprises a compound of the formula:

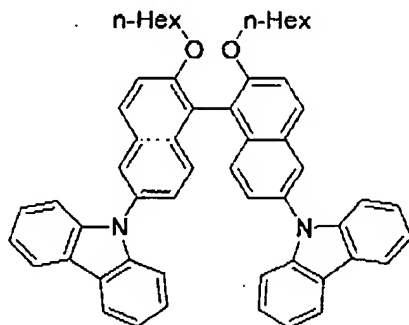


Claims 16 - 19 (canceled)

Claim 20 (previously presented) A binaphthyl compound of the formula



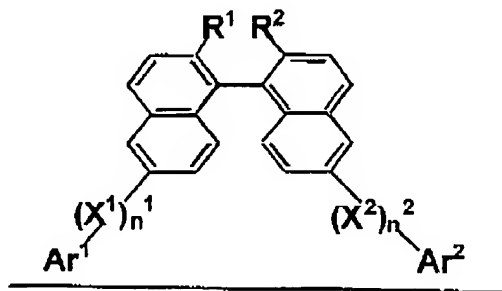
Claim 21 (previously presented) A binaphthyl compound of the formula



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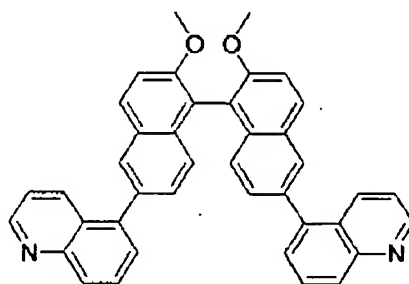
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Claim 22 (currently amended) An organic light emitting device comprising an anode and a cathode, and an emissive layer between the anode and cathode, the device including a hole-blocking layer between the emissive layer and the cathode comprising a binaphthyl compound of the formula:



wherein each Ar¹ and Ar² is independently a substituted or non-substituted polycyclic aromatic hydrocarbon or a substituted or non-substituted aromatic heterocycle, each X¹ and X² is independently a substituted or non-substituted aromatic hydrocarbon, each n¹ and n² is independently 0 or 1, each R¹ and R² is independently a hydroxyl group, a substituted or non-substituted alkyl group, or a substituted or non-substituted alkoxy group, wherein R¹ and R² can be bound to each other to form a ring structure wherein the ring structure can have substituent groups, and wherein the compound's binaphthyl framework can be independently substituted by a halogen, a hydroxyl group, or a substituted or non-substituted alkyl, alkenyl, alkoxy or alkoxycarbonyl group at any position except those occupied by (X¹)ₙ¹ Ar¹, (X²)ₙ² Ar², R¹ and R².

The organic light-emitting device of claim 14 in which the hole-blocking layer between the emissive layer and the cathode comprises a compound of the formula:



Claim 23 (canceled)